AMENDMENTS TO THE CLAIMS

1. (Original) A method for the directed, transgenic expression of nucleic acid sequences in carbohydrate-storing sink tissues of plants, which comprises the following steps:

I. introducing, into plant cells, a transgenic expression cassette, where the transgenic expression cassette comprises at least the following elements:

a) at least one promoter sequence of the gene encoding the Vicia faba plastidic 1,4-α-D-glucan:phosphate α-D-glucosyltransferase, and

b) at least one further nucleic acid sequence, and

c) if appropriate, further genetic control elements,

where at least one of said promoter sequences and one further nucleic acid sequence are functionally linked with one another and the further nucleic acid sequence is heterologous with regard to the promoter sequence, and

II. selection of transgenic cells which comprise said expression cassette stably integrated into the genome, and

III. regeneration of intact plants from said transgenic cells, where at least one of the further nucleic acid sequence is expressed in carbohydrate-storing sink tissue, but essentially not in source tissues.

2. (Original) The method according to claim 1, where the promoter sequence of the gene encoding the Vicia faba plastidic 1,4-α-D-glucan:phosphate α-D-glucosyltransferase is described by a sequence selected from the group of sequences consisting of

i) the promoter sequence of SEQ ID NO: 1 and

ii) functionally equivalent promoter sequences which have at least 40% homology with the sequence of SEQ ID NO: 1 over a sequence segment of at least 100 base

pairs and which have essentially the same promoter activity as the promoter sequence of SEQ ID NO: 1, and

iii) functionally equivalent fragments of the promoter sequence of i) or ii) with a length of at least 100 base pairs and essentially the same promoter activity the promoter sequence of SEQ ID NO: 1.

3. (Original) An isolated nucleic acid sequence comprising

i) the promoter sequence of the gene of the Vicia faba plastidic 1,4-α-D-glucan:phosphate α-D-glucosyltransferase of SEQ ID NO: 1 or

ii) functionally equivalent promoter sequences which have at least 40% homology with the sequence of SEQ ID NO: 1 over a sequence segment of at least 100 base pairs and which have essentially the same promoter activity as the promoter sequence of SEQ ID NO: 1, or

iii) functionally equivalent fragments of the promoter sequence of i) or ii) with a length of at least 100 base pairs and essentially the same promoter activity the promoter sequence of SEQ ID NO: 1.

4. (Original) The isolated nucleic acid sequence according to claim 3, comprising, in 3'-orientation to the promoter of the Vicia faba plastidic 1,4- α -D-glucan:phosphate α -D-glucosyltransferase of SEQ ID NO: 1 or to a functional equivalent thereof or a functionally equivalent fragment of the aforementioned, a sequence encoding a transit peptide.

5. (Original) The isolated nucleic acid sequence according to claim 4, where the transit peptide is described by a sequence of SEQ ID NO: 8.

6. (Currently amended) The isolated nucleic acid sequence according to claim 3 ~~any of claims 3 to 5~~, described by SEQ ID NO: 2 or 3.

7. (Original) A transgenic expression cassette for the expression of nucleic acids comprising

a) at least one promoter sequence of the gene encoding the Vicia faba plastidic 1,4-α -D-glucan:phosphate α -D-glucosyltransferase, and

b) at least one further nucleic acid sequence, and

c) if appropriate, further genetic control elements,

where at least one promoter sequence and one further nucleic acid sequence are functionally linked with one another and the further nucleic acid sequence is heterologous with regard to the promoter sequence.

8. (Original) The transgenic expression cassette according to claim 7, where the promoter sequence of the gene encoding the Vicia faba plastidic 1,4- α -D-glucan:phosphate α -D-glucosyltransferase is described by a sequence selected from the group of sequences consisting of

i) the promoter sequence of SEQ ID NO: 1 and

ii) functionally equivalent promoter sequences which have at least 40% homology with the sequence of SEQ ID NO: 1 over a sequence segment of at least 100 base pairs and which have essentially the same promoter activity as the promoter sequence of SEQ ID NO: 1, and

iii) functionally equivalent fragments of the promoter sequence of i) or ii) with a length of at least 100 base pairs and essentially the same promoter activity the promoter sequence of SEQ ID NO: 1.

9. (Original) The transgenic expression cassette according to claim 8, where the functional equivalent is described by a sequence of SEQ ID NO: 2 or 3.

10. (Currently amended) The transgenic expression cassette according to claim 7 ~~any of claims 7 to 9~~, where the nucleic acid sequence to be expressed transgenically makes possible

a) the expression of a protein encoded by said nucleic acid sequence, or

b) the expression of a sense RNA, antisense RNA or double-stranded RNA encoded by said nucleic acid sequence.

11. (Currently amended) A transgenic expression vector comprising a nucleic acid sequence according to claim 3 ~~any of claims 3 to 6 or a transgenic expression cassette according to any of claims 7 to 10.~~

12. (Currently amended) A transgenic organism transformed with a transgenic expression cassette according to claim 7 ~~any of claims 7 to 10 or a transgenic expression vector according to claim 11~~.

13. (Original) The transgenic organism according to claim 12, selected from the group consisting of bacteria, yeasts, fungi, nonhuman animal organisms and plant organisms.

14. (Currently amended) The transgenic organism according to claim 12 ~~one of claims 12 or 13~~, selected from the group consisting of tomato, potato, aubergine, soybean, alfalfa, pea, field bean, fodder beet, sugar beet and peanut.

15. (Currently amended) A cell culture, part, organ, tissue or transgenic propagation material derived from a transgenic organism according to claim 12 ~~any of claims 12 to 14~~.

16. (Currently amended) ~~The use of~~ A method for the transgenic expression of nucleic acids comprising growing or culturing ~~an isolated nucleic acid sequence according to claims 3 to 6 or of a transgenic expression cassette according to any of claims 7 to 10 or of a transgenic expression vector according to claim 11 or of a~~ the transgenic organism according to claim 12 ~~any of claims 12 to 14~~ or ~~of~~ cell cultures, parts, organs, tissues or transgenic propagation material derived therefrom ~~according to claim 15 in methods for the transgenic expression of nucleic acids or proteins~~.

17. (Canceled)

18. (Currently amended) A method for the production of foodstuffs, feedstuffs, seed, pharmaceuticals or fine chemicals, in which a transgenic organisms according to claim 12 ~~one of~~

~~claims 12 to 14~~ is cultured and the desired foodstuff, feedstuff, seed, pharmaceutical or fine chemical is produced and/or isolated using said organism.